

Patent claims

1. A communication device (MS), particularly a mobile radio device, comprising

- an input device (D, K; B) for inputting text character by character from a sequence of characters ("Computer"),
- a memory device (M, TAB) for storing a plurality of reference character sequences (CT) of characters and
- a prediction device (PRD) for comparing individual ones of the input characters (C, r) with the reference character sequences (CT) and for proposing at least one of the reference character sequences ("Computer") after the inputting of individual input characters of the sequence of characters to be input in the case of a corresponding comparison result, characterized in that
- the prediction device (PRD) is adapted for comparing the input characters (C, *, r) with not directly adjacent characters (C, r) of the reference character sequences (CT).

2. The communication device as claimed in claim 1, in which the prediction device (PRD) is adapted for comparing the input characters (C, r) with the first and the last character of the reference character sequences (CT).

3. The communication device as claimed in claim 1 or 2, in which the prediction device is adapted for comparing a plurality of input characters with initial and end characters of a plurality of syllables (*) of multi-syllable ones of the reference character sequences (CT).

4. The communication device (MS), particularly as claimed in a preceding claim, particularly a mobile radio device, comprising

- an input device (D, K; B) for inputting text character by character from a sequence of characters ("Computer"),

- a memory device (M, TAB) for storing a plurality of reference character sequences (CT) of characters and

- a prediction device (PRD) for comparing individual ones of the input characters (C, r) with the reference character sequences (CT) and for proposing at least one of the reference character sequences ("Computer") after the inputting of individual input characters of the sequence of characters to be input in the case of a corresponding comparison result, characterized in that
- the input device (D, K; B) is adapted for inputting a number of syllables (***) with respect to two input characters (C, r) of the sequence of characters (Computer) to be input, and
- the prediction device (PRD) is adapted for comparing the number of input syllables with corresponding numbers of syllables of the reference character sequences (CT).

5. The communication device as claimed in claim 3 or 4, in which the input device (DK) is arranged as an interactive display device (D) on which characters which can be input are displayed in a text input area (K) and are sensitively, particularly touch-sensitively, selectable for inputting, the text input area (K) exhibiting at least one syllable input area (*).

6. The communication device as claimed in claim 5, in which the syllable input area (*) is formed by at least one edge area (*), particularly by two mutually opposite edge areas (*) of the text input area (K).

7. The communication device (MS), particularly as claimed in a preceding claim, particularly a mobile radio device, comprising

- an input device (D, K; B) for inputting text character by character from a sequence of characters ("Computer"),
- a memory device (M, TAB) for storing a plurality of reference character sequences (CT) of characters and
- a prediction device (PRD) for comparing individual ones of

the input characters (C, r) with the reference character sequences (CT) and for proposing at least one of the reference character sequences ("Computer") after the inputting of individual input characters of the sequence of characters to be input in the case of a corresponding comparison result, characterized in that

- the input device (K) is arranged for inputting vowels, and
- the prediction device (PRD) is adapted for comparing input vowels with a corresponding sequence of vowels in the reference character sequences (CT).

8. The communication device as claimed in claim 7, in which the input device (D, K) is arranged as an interactive display device (D) on which characters which can be input are displayed in a text input area (K) and are sensitively, particularly touch-sensitively, selectable for inputting, the text input area (K) exhibiting at least one vowel input area (VO).

9. The communication device as claimed in claim 8, in which the vowel input area (VO) is formed by at least one edge area (*), particularly by two mutually opposite edge areas of the text input area (K).

10. The communication device as claimed in claim 8 or 9, in which the input device exhibits an input key (F1) for inserting and removing the vowel input area (VO).

11. The communication device as claimed in one of claims 8-10 which is adapted for inserting the vowel input area (VO) when the first input character is a vowel or consonant and a subsequent drawing movement is detected, particularly a drawing movement to further vowels to be input is detected.

12. The communication device as claimed in one of claims 8-11, which is adapted for overlaying the vowel input area (VO) over special characters in a covering manner.

13. The communication device as claimed in a preceding claim, in which the input device (D, K) is arranged as an interactive display device (D) on which characters which can be input are displayed in a text input area (K) and are sensitively, particularly touch-sensitively, selectable for inputting, and in which the prediction device (PRD) is adapted for distinguishing between touching and drawing movements during an input of characters.

14. The communication device as claimed in a preceding claim, in which the input device (D, K) is constructed as an interactive display device (D) on which characters which can be input are displayed in a text input area (K) and are sensitively, particularly touch-sensitively, selectable for inputting, the prediction device (PRD) being adapted for using drawing movements between various characters of the text input area (K) for marking characters and possibly syllables of a single coherent character sequence (CT).

15. The communication device as claimed in one of claims 5, 6 or 8-14, in which the syllable or vowel input area (*; VO) is arranged to extend over particularly two opposite edge areas of the text input area (K) and extends further along the laterally adjoining edge areas from the outside edge sections.

16. The communication device as claimed in a preceding claim, in which the input device (K; B) is arranged for inputting a word completion character, particularly a punctuation mark or

blank character, for identifying the end of a word.

17. The communication device as claimed in a preceding claim, in which the reference character sequence (CT) is stored as a sentence or part of a sentence of a plurality of words and is provided for comparing and predicting a sentence or part of a sentence.

18. A method for inputting text from a sequence of characters ("Computer") into a communication device (MS), particularly into a communication device as claimed in a preceding claim, in which

- a sequence of characters is input character by character by means of an input device (B, K), and
- after at least two characters have been input, missing characters of the sequence of characters are predicted by means of a prediction device (PRD) by comparison with reference character sequences stored in a memory (M), characterized in that
- during the prediction, the at least two input characters (C, r) are processed as not directly adjacent characters of the sequence of characters ("Computer").

19. The method as claimed in claim 18, in which during the comparison, the at least two input characters (C, r; C, m) are processed as the first and the last character of a word ("Computer") and/or of a syllable ("Com") of the sequence of characters ("Computer"; "Com").

20. The method as claimed in claim 18 or 19, in which the number of syllables (*) of the sequence of characters ("Computer") is additionally input and used during the comparison.

21. The method as claimed in claim 20, in which a display device (D) with a sensitive, particularly touch-sensitive, text input area (K), which is used for

a character input, is provided for inputting the number of syllables, an area, particularly an edge area or two opposite edge areas (*) of the text input area, being provided for inputting the number of syllables.

22. The method as claimed in one of claims 18-21, in which the prediction for input characters and possibly the number of syllables of the sequence of characters is performed after the input of a completion character, particularly a blank character.